

## ISIS - Feature #3873

### Update Dawn FC Instrument kernel to new version (v10)

2016-03-15 08:59 AM - Kris Becker

<b>Status:</b>	Acknowledged	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	Infrastructure	
<b>Target version:</b>	3.4.12 (FY16 R2 2016-03-17 Mar)	
<b>Impact:</b>		<b>Software Version:</b>
<b>Description</b> <p>A new Dawn FC instrument kernel is available that slightly alters the size of CCD pixel as a result of inflight calibration analysis. Just dropping the new kernel is not enough to incorporate the changes in IK as the forward and inverse translations for the camera model located in the IAK (\$ISIS3DATA/dawn/kernels/iak/dawnfcAddendum002.ti must also be updated with the new numbers.</p> <p>New kernel: <a href="http://naif.jpl.nasa.gov/pub/naif/DAWN/kernels/ik/dawn_fc_v10.ti">http://naif.jpl.nasa.gov/pub/naif/DAWN/kernels/ik/dawn_fc_v10.ti</a>.</p> <p>References: "In-flight Calibration of the Dawn Framing Camera", Schroeder et al., Icarus, DOI 10.1016/j.icarus.2013.07.036.</p>		

#### History

#1 - 2016-03-20 07:27 PM - Tammy Becker

- Status changed from New to Acknowledged